

20/10/97

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X0074

SAFETY DATA SHEET

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PRINT DATE: 10/10/97
REF: X0074

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: **DEWELD 530 ADHESIVE**
Supplier: ITW DEVCON UK
Brunel Close, Park Farm
Wellingborough, Northants NN86QX
01933 675299
01933 675765
Emergency telephone number:
Fax no:

2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation

Chemical Name	CAS-No	EEC-No	Class	Weight %
METHYL METHACRYLATE	80-62-6	607-035-00-6	F; R11 Xi; R36/ 37/38-43	<55
METHACRYLIC ACID	79-41-4	607-088-00-5	C; R34	<8

3. HAZARDS IDENTIFICATION

Most important hazards: Flammable, irritating to eyes and skin

4. FIRST AID MEASURES

General advice: Avoid contact with skin and eyes
Inhalation: Move to fresh air
Skin contact: Wash off immediately with soap and plenty of water
Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
Ingestion: Drink plenty of water. Do not induce vomiting

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water, foam, carbon dioxide (CO2), dry chemical

Special protective equipment for firefighters: In the event of fire, wear self contained breathing apparatus

Specific methods: Standard procedure for chemical fires

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin and eyes

Environmental Precautions: Do not let product enter drains

Methods for cleaning up: Soak up with inert absorbent material (eg sand, silica Gel, Acid binder, Universal binder, sawdust)

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7. HANDLING AND STORAGE

Handling: Use only in area provided with appropriate exhaust ventilation

Storage: Keep containers tightly closed in a cool, well ventilated place

8. EXPOSURE CONTROLS/PERSONAL PROTECTIONChemical Name:
METHYL METHACRYLATE
METHACRYLIC ACIDNational occupational exposure limits:
100 ppm
20 ppm

Engineering measures	Ensure adequate ventilation, especially in confined areas
- Respiratory protection:	Breathing apparatus with filter
- Hand protection:	Solvent-resistant gloves
- Eye Protection:	Safety glasses
- Skin and body protection:	

Hygiene measures: Keep away from food, drink and animal feeding stuffs

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Viscous liquid Colour: Odour: pungent

pH: (50g/l H₂O) 3 (20 ° C)

Boiling point / range 101° C

Flash point: 10.6° C

Explosion Limits -lower 1.8 Vol % - upper 8.5 Vol %

Relative density: -lower 1.03 (20° C)

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	Heating can release vapours which can be ignited
Materials to avoid:	Oxidising agents
Hazardous decomposition products: Carbon oxides	

11. TOXICOLOGICAL INFORMATIONLong term toxicity: LD50 / oral / rat = 7872mg/kg(mma)
LD50 / Dermal / rabbit = >35.5g/kg (mma)

12. ECOLOGICAL INFORMATION

Mobility: Do not let product enter drains

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Product name: DEWELD 530 ADHESIVE**PAGE: 3 of 3**
PRINT DATE: 10/10/97
REF: X0074**13. DISPOSAL CONSIDERATIONS**

Waste from residues/unused products: In accordance with local and national regulations

Contaminated packaging:

14. TRANSPORT INFORMATION

Proper shipping name:	Adhesives		
UN/No:	1133		
ADR/RID Class	3	HI/UN No	1133
IMO Class	3	IMDG page	3102
EmS	3-05	MFAG	330
ICAO Class	3	UN/ID No	1133

15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 93/21/EEC

- Contains: METHYL METHACRYLATE, METHACRYLIC ACID

- Symbol(s):



F - Highly Flammable



Xi - Irritant

R-phrases: R36/37/38 - Irritating to eyes, respiratory system and skin... R43 - May cause sensitisation by skin contact

S-phrases: S9 - Keep container in a well-ventilated place... S15 - Keep away from heat... S16 - Keep away from sources of ignition - no smoking... S26 - In case of contact with eyes rinse immediately with plenty of water and seek medical advice... S29 - Do not empty into drains... S33 - Take precautionary measures against static discharges... S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)... S1/2 - Keep locked-up and out of reach of children...

OTHER INFORMATION

Recommended use:

Recommended restrictions:

The information provided in this Safety Data sheet is correct to the best of our knowledge, information and belief at the date of its publication.

FOR ACTIVATOR SEE X0075

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REF: X0075

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: **DEWELD 530 ACTIVATOR**
Supplier: ITW DEVCON UK
Brunel Close, Park Farm
Wellingborough, Northants NN86QX
01933 675299
01933 675765
Emergency telephone number:
Fax no:

2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation

Chemical Name	CAS-No	EEC-No	Class	Weight %
METHYLMETHACRYLATE	80-62-6	607-035-00-6	F, R11 Xi; R36/ 37/38-43	<80

3. HAZARDS IDENTIFICATION

Most important hazards: Flammable, irritating to eyes and skin

4. FIRST AID MEASURES

General advice: Avoid contact with skin and eyes
Inhalation: Move to fresh air
Skin contact: Wash off immediately with soap and plenty of water
Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
Ingestion: Drink plenty of water. Do not induce vomiting

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water, foam, carbon dioxide (CO2), dry chemical

Special protective equipment for firefighters: In the event of a fire wear self contained breathing apparatus.

Specific methods: Standard procedure for chemical fires

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin and eyes

Environmental Precautions: Do not let product enter drains

Methods for cleaning up: Soak up with inert absorbent material (eg sand, silica Gel, Acid binder, Universal binder, sawdust)

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Product name: **DEWELD 530 ACTIVATOR**

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7. HANDLING AND STORAGE

Handling: Use only in area provided with appropriate exhaust ventilation

Storage: Keep containers tightly closed in a cool, well ventilated place

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name:

National occupational exposure limits:

METHYL METHACRYLATE

Engineering measures

Ensure adequate ventilation, especially in confined areas

- Respiratory protection: Breathing apparatus with filter
- Hand protection: Solvent-resistant gloves
- Eye Protection: Safety glasses
- Skin and body protection:

Hygiene measures:

Keep away from food, drink and animal feeding stuffs

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Viscous liquid Colour: Odour: pungent

pH: (50g/l H₂O) 5.5 (20 ° C)

Boiling point / range 101° C

Flash point: 10.6° C

Flammability (solid, gas) liquid

Explosion Limits -lower 1.8 Vol % - upper 8.5 Vol %

Relative density: -lower 0.96 (20° C)

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Heating can release vapours which can be ignited

Materials to avoid: Oxidising agents

Hazardous decomposition products: Carbon oxides

11. TOXICOLOGICAL INFORMATION

Long term toxicity: LD50 /oral / rat = 7872mg/kg(mma)
LD50 / Dermal / rabbit = >35.5g/kg (mma)

12. ECOLOGICAL INFORMATION

Mobility: Do not let product enter drains

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13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products: In accordance with local and national regulations

14. TRANSPORT INFORMATION

Proper shipping name: Adhesives				
UN/No: 1133				
ADR/RID	Class	3	HI/UN No	1133
IMO	Class	3	IMDG page	3102
	EmS	3-05	MFAG	330
ICAO	Class	3	UN/ID No	1133

15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 93/21/EEC

- Contains: METHYL METHACRYLATE
- Symbol(s):



F+ Highly Flammable



Xi - Irritant

R-phrase(s): R36/37/38 - Irritating to eyes, respiratory system and skin

S-phrase(s): S9 - Keep container in a well-ventilated place..S15 - Keep away from heat..S16 - Keep away from sources of ignition - no smoking..S26 - In case of contact with eyes rinse immediately with plenty of water and seek medical advice..S29 - Do not empty into drains..S33- Take precautionary measures against static discharges.

OTHER INFORMATION

Recommended use:

Recommended restrictions:

The information provided in this Safety Data sheet is correct to the best of our knowledge, information and belief at the date of its publication.